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Lisa J. Ehaney
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2-17-04
Date

Attorney Docket No. 282.028

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: PARK ET AL.

Art Unit: 1723

Serial No.: 10/664,300

Examiner: not yet assigned

Filing Date: September 17, 2003

Confirmation No.: 4581

Title: REMOVAL OF ARSENIC AND OTHER ANIONS USING NOVEL ADSORBENTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted under 37 CFR §1.97(b). Enclosed is a copy of the International Search Report showing the references which were cited during prosecution of corresponding International Application No. PCT/US03/29313. Applicants submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicants are aware, which applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56.

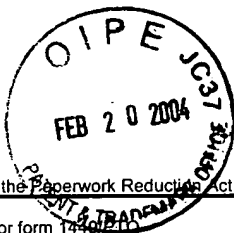
It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

Mathew E. Corr
Registration No. 45,434

Dated: Feb 17, 2004

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/664,300 |
| | | | | Filing Date | September 17, 2003 |
| | | | | First Named Inventor | Park et al. |
| | | | | Art Unit | 1723 |
| | | | | Examiner Name | not assigned |
| Sheet | 1 | of | 3 | Attorney Docket Number | 282.028 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AA | WASAY ET AL: "Adsorption of fluoride, phosphate and arsenate ions on lanthanum-impregnated silica | |
| | AA | gel" WATER ENVIRONMENT RESEARCH, vol. 68, no. 3, 1996, pages 295-300, XP0000596669 | |
| | BB | WASAY ET AL: "Removal of Hazardous Anions from Aqueous Solutions by La(III)- and Y(III)-Impregnated | |
| | BB | Alumina" SEPARATION SCIENCE AND TECHNOLOGY, vol. 31, no. 10, 1996, pages 1501-1514, XP009023347 | |
| | CC | WIDENMEYER M ET AL: "TiOx overlayers on MCM-48 silica by consecutive grafting" MICROPOROUS AND MESO- | |
| | CC | POROUS MATERIALS, ELSEVIER SCIENCE PUBLISHING, NY, US, vol. 44-45, 4-6-01, pp. 327-336, XP004247164 | |
| | DD | JAENICKE S ET AL: "Organic-inorganic hybrid catalysts for acid- and base-catalyzed reactions" MICRO- | |
| | DD | POROUS AND MESOPOROUS MATERIALS, ELSEVIER SCIENCE PUBLISHING, NY, US, vol. 35-36, 4-00, pp. 143-153 | |
| | EE | ZHANG ET AL: "Synthesis and Properties of Fe ₂ O ₃ nanoclusters within Mesoporous Aluminosilicate | |
| | EE | Matrices" J. PHYS. CHEM. B, vol. 105, 2001, pages 7414-7423, XP002265909 | |

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number 10/664,300

Filing Date September 17, 2003

First Named Inventor Park et al.

Art Unit 1723

Examiner Name not assigned

Attorney Docket Number 282.028

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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | FF | SHEINTUCH ET AL: "Abatement of Pollutants by Adsorption and oxidative Catalytic Regeneration" IND. | |
| | FF | ENG. CHEM. RES., vol. 36, 1997, pages 4374-4380, XP002265910 | |
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STATEMENT BY APPLICANT**

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| First Named Inventor | Park et al. |
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| Attorney Docket Number | 282.028 |

Sheet 3 of 3

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | GG | US- 5,841,012 | 11-24-1998 | Idriss et al. | col. 2, para. 3 |
| | HH | US- | | | |
| | II | US- | | | |
| | JJ | US- | | | |
| | KK | US- | | | |
| | LL | US- | | | |
| | MM | US- | | | |
| | NN | US- | | | |
| | OO | US- | | | |
| | PP | US- | | | |
| | QQ | US- | | | |
| | RR | US- | | | |
| | SS | US- | | | |
| | TT | US- | | | |
| | UU | US- | | | |
| | VV | US- | | | |
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| | XX | US- | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|-------------------------------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | ZZ | WO 02 12132 A | 02-14-2002 | Procter & Gambl | | <input checked="" type="checkbox"/> |
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